

DERWENT-ACC-NO: 1984-279242  
DERWENT-WEEK: 199038  
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TITLE: Soft capsules contg. riboflavin butyrate for treating arteriosclerosis etc. have coating contg. pigment absorbing light in specified range to improve storage stability

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PATENT-ASSIGNEE:

ASSIGNEE	CODE
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PRIORITY-DATA: 1983JP-047109 (March 23, 1983)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
<u>JP</u> <u>59172417</u> <u>A</u>	September 29, 1984	JA
<u>JP</u> <u>90037890</u> <u>B</u>	August 28, 1990	JA

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
<u>JP 59172417A</u>	March 23, 1983	1983JP-047109	
JP 90037890B	March 23, 1983	1983JP-047109	

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPS	<u>A61 K 31/355</u>	20060101
CIPS	<u>A61 K 31/525</u>	20060101
CIPP	<u>A61 K 9/48</u>	20060101
CIPS	<u>A61 P 3/02</u>	20060101
CIPS	<u>A61 P 9/10</u>	20060101

ABSTRACTED-PUB-NO: JP 59172417 A

BASIC-ABSTRACT:

A drug contg. riboflavin butyrate and a tocopherol is coated with a film-coating agent contg. a pigment capable of absorbing light of wavelength 300-550 nm.

The soft capsule can be prepd. by dissolving riboflavin butyrate and tocopherol in an oil and formulating the soln. into soft capsules using the film-coating agent. Examples of the oil are rice bran oil, safflower oil, soy bean oil, rapeseed oil, corn oil, peanut oil, and 4-18C fatty acid mono-, di- or tri-esters. The film-coating agent is pref. gelatine, opt. contg. sorbitol in 10-30%, pref. 15-25%, which prevents moisture in the air from penetrating into the capsule.

USE/ADVANTAGE - Riboflavin butyrate has been used in treatment or prophylaxis of arteriosclerosis. However, when a soft capsule was prepd. for use in treatment of peripheral blood circulation disorder, the capsule turned black after long storage or storage for several weeks under exposure to light. The present soft capsule overcomes this drawback and is stable to light.

ABSTRACTED-PUB-NO: JP 59172417 A  
EQUIVALENT-ABSTRACTS:

TITLE-TERMS: SOFT CAPSULE CONTAIN RIBOFLAVIN BUTYRATE TREAT ARTERIOSCLEROSIS  
COATING PIGMENT ABSORB LIGHT SPECIFIED RANGE IMPROVE STORAGE STABILISED

DERWENT-CLASS: B02

CPI-CODES: B03-A; B03-C; B03-H; B04-A07E; B04-A07F; B04-B01C; B04-B04A; B07-D08;  
B10-E02; B12-H03; B12-M11;

CHEMICAL-CODES:

Chemical Indexing M1 \*07\*  
Fragmentation Code  
M423 M431 M782 R031 V751

Chemical Indexing M1 \*08\*  
Fragmentation Code  
M423 M431 M782 Q623 R031 V400 V406 V792

Chemical Indexing M2 \*01\*  
Fragmentation Code  
D011 D013 D023 E270 H1 H181 H2 H201 H4 H403  
H483 H8 J0 J011 J2 J271 J5 J522 K0 L8  
L812 L821 L833 L834 L9 L910 M210 M211 M214 M231  
M240 M262 M281 M282 M315 M321 M332 M344 M383 M391  
M412 M431 M511 M520 M530 M540 M782 P520 P814 R031  
V0 V322

Chemical Indexing M2 \*02\*  
Fragmentation Code  
D012 D016 D025 D120 H401 H441 J011 J241 M210 M211  
M225 M232 M240 M262 M281 M283 M320 M412 M431 M511  
M520 M530 M540 M782 P520 R031 V0 V350

Chemical Indexing M2 \*04\*  
Fragmentation Code  
G015 G019 G100 H4 H402 H442 H5 H542 H7 H722  
H8 J5 J582 M210 M211 M272 M282 M311 M312 M321

M322 M332 M342 M372 M382 M391 M392 M414 M431 M510  
M520 M532 M540 M782 Q623 R031

Chemical Indexing M2 \*05\*

Fragmentation Code

F011 F013 F014 F015 F512 G013 G017 G019 G100 H2  
H211 H602 H608 H642 J011 J111 J5 J521 K0 K4  
K431 K499 K5 K534 L9 L941 M1 M123 M145 M210  
M211 M240 M280 M281 M320 M413 M431 M510 M521 M532  
M540 M630 M782 Q623 R031

Chemical Indexing M2 \*06\*

Fragmentation Code

F012 F013 F014 F015 F016 F019 F123 F199 H4 H405  
H424 H484 H5 H522 H7 H725 H8 J0 J012 J2  
J222 J4 J472 K0 L8 L814 L819 L822 L831 M280  
M311 M315 M316 M321 M322 M332 M333 M342 M344 M349  
M373 M381 M382 M391 M392 M413 M431 M510 M522 M530  
M540 M782 Q623 R031

Chemical Indexing M2 \*09\*

Fragmentation Code

G036 G038 G039 G562 G599 H7 H725 M1 M126 M134  
M211 M240 M283 M316 M321 M333 M342 M415 M431 M510  
M520 M530 M542 M610 M782 Q623 R031 V0 V310

Chemical Indexing M6 \*03\*

Fragmentation Code

P520 P814 Q623 R031 R120 R307 R309 R318

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0179U ; 1583U ; 1662U

SECONDARY-ACC-NO:

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